



# Thinvent Neo H Mini PC

## Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

## 32GB DDR4 RAM

## 128GB SSD

## Dual Band WiFi

## Windows 11 Professional

SKU: H-I5\_14-32-M128-12\_7-M-11O-0



## Unleash Uncompromising Performance for Your Toughest Jobs

The Thinvent® Neo H Mini PC is engineered for businesses that demand the very best. This isn't just an upgrade; it's the high-performance evolution of our most popular industrial PC, built to tackle your most complex tasks with unwavering reliability. Experience a significant leap in processing power and memory that ensures your operations run smoother and faster than ever before.

### Elevate Your Industrial Control

Designed with industrial applications firmly in mind, the Neo H Mini PC provides the robust capabilities you need for critical control systems. Its substantial processing power and ample memory handle demanding workloads effortlessly, keeping your production lines running and your data flowing without interruption.

### Built for the Real World

Crafted from solid steel and designed to withstand the rigours of an industrial environment, this machine is a testament to enduring quality. It's your dependable partner, offering a comprehensive suite of connectivity options to seamlessly integrate into your existing setup. Trust Thinvent to deliver the power and resilience your business deserves, all proudly designed and manufactured in India.

# Thinvent Neo H Mini PC



## Specifications

### PROCESSING

|                 |        |
|-----------------|--------|
| Generation      | 14th   |
| Series          | i5     |
| Processor Brand | Intel  |
| Processor Model | 120U   |
| Cores           | 10     |
| Max Frequency   | 5 GHz  |
| Cache           | 12 MB  |
| Main Memory     | 32 GB  |
| SSD Storage     | 128 GB |

### DISPLAY

|      |   |
|------|---|
| HDMI | 2 |
| VGA  | 1 |

### AUDIO

|             |   |
|-------------|---|
| Speaker Out | 1 |
| Mic In      | 1 |

### CONNECTIVITY

|         |   |
|---------|---|
| USB 3.0 | 2 |
| USB 2.0 | 2 |

### NETWORKING

|                     |                               |
|---------------------|-------------------------------|
| Ethernet            | 1000 Mbps                     |
| Wireless Networking | Wi-Fi 5 (802.11ac), dual band |

### POWER

|              |                                              |
|--------------|----------------------------------------------|
| DC Voltage   | 12 Volts                                     |
| DC Current   | 7 Amps                                       |
| Power Input  | 100~275 Volts AC, 50~60 Hz, 1.5 Amps maximum |
| Cable Length | 2 Metre                                      |

### ENVIRONMENTAL

|                       |                              |
|-----------------------|------------------------------|
| Operating Temperature | 0°C ~ 40°C                   |
| Operating Humidity    | 20% ~ 80% RH, non condensing |
| Certifications        | BIS, RoHS, ISO               |

### PHYSICAL

|                      |                       |
|----------------------|-----------------------|
| Form Factor          | Mini PC               |
| Dimensions           | 210mm × 202mm × 80mm  |
| Packing Dimensions   | 340mm × 235mm × 105mm |
| Housing Material     | Steel                 |
| Housing Finish       | Powder Coated         |
| Housing Colour       | Black                 |
| Net and Gross Weight | 1.43kg, 1.84kg        |

### OPERATING SYSTEM

|                  |                                   |
|------------------|-----------------------------------|
| Operating System | Microsoft Windows 11 Professional |
|------------------|-----------------------------------|

## Ordering Information

## PRODUCT CODE

H-i5\_14-[RAM]-[SSD]-12\_7-[Wireless]-[OS]-[Accessories]

|             |                                 |                                 |                |                |
|-------------|---------------------------------|---------------------------------|----------------|----------------|
| RAM         | 4 = 4GB DDR4                    | 8 = 8GB DDR4                    | 16 = 16GB DDR4 | 32 = 32GB DDR4 |
| SSD         | m128 = 128GB                    | m256 = 256GB                    | m1024 = 1TB    |                |
|             | m512 = 512GB                    | S32 = 32GB MLC                  | S256 = 256GB   |                |
|             | m2048 = 2TB                     |                                 |                |                |
|             | S128 = 128GB                    |                                 |                |                |
| Wireless    | m = Dual Band WiFi              | X = No WiFi                     |                |                |
| OS          | DOS = DOS                       | W_OS = Without OS               |                |                |
|             | 11V = Windows 11 IoT Value      | 11P = Windows 11 Pro            |                |                |
|             | 110 = Windows 11 Professional   | Thinix = Thinix™ Embedded Linux |                |                |
|             | U = Ubuntu Linux                |                                 |                |                |
| Accessories | 0 = None                        | KM = Keyboard and Mouse set     |                |                |
|             | 1S = DB9 Serial                 | MK = Mechanical Keyboard        |                |                |
|             | Mo = Wired Optical Scroll Mouse |                                 |                |                |

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